

ABSTRACT**Broadband Communication System**

^{In}
^a A broadband communication system ^{comprises} a plurality of cordless
^a communication devices ⁽¹⁾ ^{are provided} for cordless communication with at least one
^a 5 communication terminal ⁽²⁾, for example a cordless telephone, a television receiver or
a lap top computer, within a communication cell. The cordless communication
^a devices ⁽¹⁾ are connectible to the power supply network of, for example, a building
^a and are ^{designed} fashioned for broadband data transmission with the other cordless
^a communication devices ⁽¹⁾ and/or a control ^{unit} means ⁽⁵⁾ via the power supply network.
^a 10 The cordless data transmission between ^{the} cordless communication device or base
^a station ⁽¹⁾ and communication terminal ⁽²⁾ preferably ensues via infrared radiation.
^a The invention enables ^A a broadband cordless data transmission ^{is thus enabled} between various
^a terminal devices ⁽²⁾ or from one terminal device to an external communication
^a network given the lowest possible installation ^{expense} outlay.
15 ~~Fig. 1~~ ¹

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